

From owner-qrp-l@netcom.com Tue Jan 24 21:31:52 1995
Message-Id: <ab4aa91200021004b9ed@[159.28.1.101]>
Date: Tue, 24 Jan 1995 09:23:02 -0400
From: georges@earlham.edu (George Silver)
Subject: A model use of QRP-L

I just read the post from Wayne Burdick in reply to Paul Beltrani's question about his "munged" toroids.

It's not only the solution to one person's problems, it's also a model use of this list. If everyone uses the list the way Paul and Wayne did, we'd have fewer people signing off this list because of the burden of traffic.

1)Most important, Wayne didn't quote the whole message; just enough so we'd all know what the question was. In fact, he quoted less than 10% of the original message. (Wouldn't it be nice if everyone who posts to the list learned how to use their mailer software and could be selective in what they quote?)

2)Wayne's answer is brief and to the point *and* it has the kind of authority behind it that makes it well worth posting. (It's not someone rephrasing the original question and saying they're puzzled too.)

3)Wayne doesn't append a long signature file to his message. He knows we can find out how to reply to him from reading the header. (And he doesn't feel any compulsion to advertise himself or his opinions.)

4)Also, the original question was asked in the right forum and it gave the data needed to answer the question. The question *belonged* here--unlike questions about PC compression software which could be answered in dozens of other places. Everyone who reads QRP-L knows that the question should be asked and answered *here*; that it's not a waste of bandwidth.

I don't mean to step on anyone's toes, but couldn't we do a better job of using this list by following Paul and Wayne's example?

--GARS (N9SXB)

PS: Sorry for the length of *this* effort! ;-)

From owner-qrp-l@netcom.com Tue Jan 24 19:20:33 1995
Date: Tue, 24 Jan 1995 15:07:30 -0800 (PST)
From: John Dundas <ab6dg@netcom.com>
Subject: A&A Charger
Message-Id: <Pine.3.89.9501241524.A18731-0100000@netcom12>

FYI:

I ordered the A&A Smartcharger kit by phone 1/20 p.m., and received it 1/24 a.m. Pretty good service! The parts look great--now if I can just get them put together right!

72/3 de John AB6DG

From owner-qrp-1@netcom.com Tue Jan 24 05:07:11 1995
Date: Mon, 23 Jan 1995 20:51:45 -0700 (MST)
From: Richard Kendrick <rrk@ramp.com>
Subject: Re: Address for those MOSFETs
Message-Id: <Pine.3.89.9501232056.A8458-01000000@taz.ramp.com>

On Mon, 23 Jan 1995, michael silva wrote:

> Oops....the phone number for MCM Electronics is 800-543-4330 or
> 513-434-0031. Fax is 513-434-6959. I haven't dealt with them myself,
> so I don't know how they are.
>
> Mike, KK6GM

MCM is pretty good. I've dealt with them for the last five or six years, mostly buying stuff for consumer repairs. Most of the service shops I've worked for also use MCM. They have test equipment, tools, and other things that techies might like to have. Their service is very good, they ship accurately, and usually have in stock what you order. I do not work for them, but I am a satisfied customer.

Richard Kendrick CET WA7TWI		
Amateur Radio Extra Class		Do not adjust your mind, there is
QRP #4129/G-QRP #8591/MI-QRP #M-1412		a fault in reality.
Phoenix, AZ email: rrk@ramp.com		

From owner-qrp-1@netcom.com Wed Jan 25 01:40:08 1995
From: BCdlr@aol.com
Date: Tue, 24 Jan 1995 19:55:24 -0500
Message-Id: <950124193558_5472462@aol.com>
Subject: Counter as Freq. Display

The Howes kits you were talking about is that the C.M. Howes, England? Does Townsend Elec. carry this?
Even if you didn't have the offset, this wouldn't be totally bad would it?

Dan Reynolds, bcdlr@aol.com

From owner-qrp-1@netcom.com Tue Jan 24 21:12:26 1995

Date: Tue, 24 Jan 95 10:28:32 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9501241628.AA11310@chuck.dallas.sgi.com>
Subject: Curtis 8044ABM

Gang,

Little did I realize that there would be so much interest in just a little critter.

The Application Notes are available from

Curtis Electro Devices (415) 964-3846
Box 4090
Mountain View, CA 94040 Keyer chips etc.

I could copy it and mail it out, but it's \$0.55 for postage and time for copying. It'll be faster if you call them and get it direct. There is no copyright on the notes other than reprint with credit to them.

The anti turn-on transient circuit (as best I can do with ASCII) is:

```

Keyed Out Pin 18 0-----+
Curtis 8044ABM           |
                           |
                           |
                           +-----+-----+-----+-----+-----+-----+
                           |<-----+-----\\//\\//-----o  V(DD)
                           |   Q1      |
                           |  BS170  ---
                           |           ---  C1 0.22
                           |           |
                           /  R2 4.7K  ---
                           \           /// gnd
                           |
                           |
                           0 to keying transistor

```

Hope this helps the multitudes.

dit dit (the above is Fig 11, page 6 of the notes)

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Wed Jan 25 01:56:36 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9501250320.AA18162@cybernetics.net>
Subject: Dual Fox Hunts Night Wednesday?
Date: Tue, 24 Jan 1995 22:19:45 -0500 (EST)

I sat down to figure my fox hunting schedule for this week.
Looks like it will be condensed into one two hour period on
one night.

Well, my TS-430-S has two vfo's and memories...and I have two
40 meter and two 80 meter antennas and two transmatches...
no problema...I will be chasing *both* foxes tomorrow night! :^)

I think I read the postings correctly. :^)

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-l@netcom.com Tue Jan 24 16:52:58 1995
Message-Id: <sf24aa18.018@novell.com>
Date: Tue, 24 Jan 1995 07:20:05 -0700
From: Craig Teerlink <Craig_Teerlink@Novell.COM>
Subject: Enhanced A&A Charger Q&A

On Jan 23, Bob Gobrick asked about beefing up the design of
the A&A battery charger, specifically what heat sink, pass
transistors, thermal considerations, etc. needed to be
considered. I tried to mail this direct to Bob, but it was bounced
with an invalid address. So in the interest of getting it to him,
everyone else gets a peek.

To: rgobrick@public.compuserve.com
Subject: Enhanced A&A charger

Bob,

The heat sink I used for the heavy duty A&A charger was picked
up at a swap meet or junk auction somewhere. I don't remember
now exactly what the thermal characteristics were, but I went
through several fried bypass transistors before I got one big
enough (both the transistor and the heat sink!). This charger
was also my first real venture into thermal engineering and it

showed me just how fast I'd lost my college thermodynamics knowledge. The wasted heat can be minimized by selecting a transformer that puts out exactly the voltage you need at full load so there's nothing to be dropped in the bypass transistor. My transformer was actually just a tad anemic (sic) at full current, but voltage regulation isn't as important at that point in the charge cycle. I don't remember now the exact details of the circuit (I'm at work, the charger is at home) but I used a 2N3055 (or maybe a 2N2955 if the PNP guy was appropriate) cuz they're cheap (about a buck), rugged, and easily available (every Radio Shack carries 'em). They'll dissipate 115 watts (more on a good heat sink) and collector current is rated at 15 amps. But they don't have enough gain to have the controller chip drive them, so I had to Darlington it with a small signal transistor, probably a 2N2222 or 2N3906 (again, NPN or PNP, whatever it takes!!!)

The heavy part of the charge cycle produces relatively little heat cuz the bypass transistor is solid on. But as it begins to regulate and shut down it really starts throwing out watts. If I did it again, I wouldn't bother looking for the big heat sink, but use a smaller one and put a thermally activated fan on it. This would also keep the chip closer in temperature to the batteries, which would be nice since the chip does thermal compensation. I also thought about running a sense line out to the batteries to compensate for the high-current voltage drop. But I decided not to bother, cuz voltage only becomes important as the current tapers off and the in-charger voltage sensing becomes more accurate as the current drops.

'Nuf rambling. Sorry that doesn't exactly answer your questions. The short answer is: Use the biggest heat sink you can find for free. Then carefully monitor the bypass transistor case temperature at about 1/2 to 3/4 charge current. If you can't touch it, it's too hot and you either need a bigger heat sink, bigger fan, or less current.

73,

Craig
KF70Y cteerlin@novell.com

From owner-qrp-1@netcom.com Tue Jan 24 01:51:00 1995
Message-Id: <199501240446.UAA19951@netcom.netcom.com>
Date: Mon, 23 Jan 95 14:36:02 EST
From: C=BAILEY%IS%211EIS@PAMDT.ANG.AF.MIL

Subject: re: epiphyte: 4.19 mhz resonator

Has anyone tried AA3HB for a source of resonators? Phone: (717)697-8595
de Cameron, KT3A

From owner-qrp-1@netcom.com Tue Jan 24 21:24:15 1995
From: djwang@happy.biophys.upenn.edu (DJ Wang)
Message-Id: <9501241905.AA24337@happy.biophys.upenn.edu>
Subject: Re: epiphyte: 4.19 mhz resonator
Date: Tue, 24 Jan 1995 14:05:01 -0500 (EST)

>
> Has anyone tried AA3HB for a source of resonators? Phone: (717)697-8595
> de Cameron, KT3A
>

Digi-Key (1-800-344-4539) have them but they are the surface-mount type.
They are made by Panasonic.

The single unit price is \$1.52 and 10 for \$13.04. The part number is :
PX419ECT-ND.

72's DE D.J., N2YKP

From owner-qrp-1@netcom.com Tue Jan 24 23:35:12 1995
From: BCdlr@aol.com
Date: Tue, 24 Jan 1995 19:55:33 -0500
Message-Id: <950124193605_5472598@aol.com>
Subject: Folded Dipole?

This is probably a dumb question, but I got to ask. Can you take a folded
dipole and use it as a sloper? Would the feedline have to come off at a 90
still?

I want to work 40 meter QRP but I don't have space for a regular dipole,
(rental house, lots of power/phone/cable lines, etc..), but I got a tree or
two.

I know this one will be dumb as well, can you make a vertical by running a
wire up a tree? I've read the books, and I know what they say, but would
someone who has built/used both tell me what they think of slopers and
verticals? Thanks!

Dan Reynolds, bcdlr@aol.com

From owner-qrp-1@netcom.com Tue Jan 24 03:42:25 1995

Date: Mon, 23 Jan 1995 21:00:42 -0800
From: n1ist@netcom.com (Michael L. Ardai)
Message-Id: <199501240500.VAA17300@netcom18.netcom.com>
Subject: FS. HW7 (repost from rec.radio.swap)

Xref: netcom.com rec.radio.swap:21184
Path: netcom.com!ix.netcom.com!howland.reston.ans.net!math.ohio-state.edu!
magnus.acs.ohio-state.edu!freenet.columbus.oh.us!not-for-mail
>From: lstolz@freenet.columbus.oh.us (Lynn Stolz)
Newsgroups: rec.radio.swap
Subject: FS:Heathkit HW-7 & P/S
Date: 23 Jan 1995 14:44:50 -0500
Organization: The Greater Columbus Freenet
Lines: 12
Message-ID: <3g10vi\$1sr@acme.freenet.columbus.oh.us>
NNTP-Posting-Host: acme.freenet.columbus.oh.us
X-Newsreader: TIN [version 1.2 PL2]

Heathkit HW-7 QRP Transceiver with matching HW-7-1 power supply.
Original condition, only modification is an SO-239 replaces the RCA
antenna connector. Includes original assembly manual.

Both for \$100. Rsp via Internet or telephone 614-369-9777

73, Lynn

--

Lynn Stolz N8AJ --lstolz@freenet.columbus.oh.us

From owner-qrp-1@netcom.com Tue Jan 24 13:08:30 1995
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Date: Tue, 24 Jan 1995 08:04:59 CST
Subject: Hambrew
Message-Id: <1E14D587B93@iunhaw1.iun.indiana.edu>

Well, yesterday I put in a notice here of the new rates for Hambrew
magazine and when I got home from school last night, there was the
latest issue. If anyone remembers an earlier note from me on
Hambrew, I mentioned there were to be some changes. The biggest
change was the paper used. In the past, the magazine has been
printed on nice shiny stock which does great for reproducing
photographs. Now, the cover is shiny stock but inside, normal paper
is being used. This does cause some decline in the quality of the
photographs. BUT, I'm sorry, a torroid coil is a torroid coil
regardless of photograph quality. Personally, I do not think the
quality is that bad. I have seen photographs that people are estatic

about that I would trash.

Bottom line---the magazine is still an excellent magazine for the builder and now an even better bargain at \$10/year.

In the latest issue are two articles on QRP antenna tuners both of which are for long wires, a 800 milliwatt transmitter for 80 M, a two transistor transmitter from Bruce Williams of MXM, a "quiet" power supply for QRP work based on using the famous wall transformers plus some other things. A quick word about the power supply. You use the famous wall transformer for the power but add filtering, regulation and by-pass caps.

72 and 73 de Tim WB9NLZ

From owner-qrp-l@netcom.com Tue Jan 24 20:11:33 1995
Message-Id: <199501242000.MAA22310@mail3.netcom.com>
Date: Tue, 24 Jan 1995 15:01:03 -0500
From: pelt@vt.edu (Randy Pelt)
Subject: Re: Hambrew

>Every once in a while I get an email about subscribing to Hambrew. I
>just saw their new ad in 73 magazine and thought I would pass
>everything on again only now with the new rates.
>
>The new rates are \$10/year for U.S.; \$15/year for Mexico and Canada
>and \$21/year for international.
>
>The phone number is (800)5-HAM-RIG.
>

I tried this number, but it is disconnected. Anybody have a good number???

72,73

Ranson J. Pelt CPA,CBA
Internal Audit Manager
Virginia Tech 0328
Blacksburg, VA 24061
(703) 231-9475 FAX (703) 231-4681

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QST de nz4i ex w4wyt Semper Fi

From owner-qrp-1@netcom.com Tue Jan 24 22:56:55 1995
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Date: Tue, 24 Jan 1995 17:40:29 CST
Subject: Hambrew
Message-Id: <1EAE50118BA@iunhaw1.iun.indiana.edu>

SORRY----the 800 number for Hambrew magazine is no more. You must contact them at 1-303-989-5642.

Just got off the phone with the publisher, George. He told me he was getting too many crank phone calls and too many phony calls so he decided keeping it was not worth it.

72 & 73 Tim WB9NLZ

From owner-qrp-1@netcom.com Wed Jan 25 01:23:27 1995
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Date: Tue, 24 Jan 1995 17:55:01 CST
Subject: Hambrew
Message-Id: <1EB2317196F@iunhaw1.iun.indiana.edu>

Here I am again. Just got off the phone with George, the publisher of Hambrew. If you want to start your subscription with the current issue, it will cost you \$11. The extra \$1 is for sending you the magazine first class postage.

72 & 73 de Tim WB9NLZ

From owner-qrp-1@netcom.com Wed Jan 25 02:11:26 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Hamfest in Odenton, MD
Date: Tue, 24 Jan 95 22:14:11 EST5EDT
Message-Id: <1995Jan24.221411.3391@wb3ffv.ampr.org>

The Md. Mobileers will have what I think is their second annual hamfest this Sunday at the fire station community hall in Odenton, MD, on Route 175, near the intersection with Route 32. This is near Fort Meade, which is halfway between Washington and Baltimore. It's a nice, fairly small and cozy hamfest, the first in the area in the new year. Here's the punch line: Dick, KA3ZOW of S&S Engineering, said he's going to drive down and bring along the prototype of his latest radio--this is another synthesized rig, 80 meters this time, but this one has a rotary tuning KNOB, with LCD readout--can't wait to get my hands on the sucker!!! This might be enough to finally pry some money out of my wallet for another QRP rig...at least when he comes out with a 40M version, anyhow. 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhaiewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhaiewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Tue Jan 24 06:01:09 1995
From: DAVEAF5U@aol.com
Date: Tue, 24 Jan 1995 01:28:41 -0500
Message-Id: <950124012840_4574492@aol.com>
Subject: Job in Phoenix

Need a technician in Phoenix, AZ to repair hand held two-way radios like Benix King models. Should have some experience on the bench plus Tech-school. Call Mike at Summit Radio (A Talley Company). 800-949-7069 week days 8-5.

From owner-qrp-1@netcom.com Tue Jan 24 22:29:47 1995
From: CQC@aol.com
Date: Tue, 24 Jan 1995 16:27:51 -0500
Message-Id: <950124162401_5267307@aol.com>
Subject: Need help.

The swapfest in Loveland, Colorado, had more QRP equipment for sale than I have seen at a Colorado swapfest before.

I need help on 2 items I purchased.

- 1) MFJ-9020. In transmit it "takes off". The board is the original Rev.1. What changes have taken place that might help this between Rev.1 and the current Rev.5? The RX is very good. It has the keyer and filter installed.
- 2) MFJ-481. Does anyone have a manual for the 481 Grand Master Memory Keyer that I can copy?

Any help would be appreciated.

Rich W0HEP
CQC@aol.com
Fax: 800-344-0740
"Life's too short for \$800 finals"

From owner-qrp-1@netcom.com Tue Jan 24 20:11:31 1995
Date: Tue, 24 Jan 95 14:46:37 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9501242046.AA11759@chuck.dallas.sgi.com>
Subject: NorCal Keyer Addendum

Ooops. Forgot to mention. The A/B select line MUST

be either grounded (mode A) or tied to V(dd) (mode B)
or you'll be in trouble. It's in the application notes.

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Wed Jan 25 02:14:32 1995
Message-Id: <v01510102ab4b6887ec82@[192.204.193.1]>
Date: Tue, 24 Jan 1995 21:32:35 -0500
From: steve@fuzbat.pgh.pa.us (Stephen D. Cohen)
Subject: Re: NorCal Keyer Addendum

>Ooops. Forgot to mention. The A/B select line MUST
>be either grounded (mode A) or tied to V(dd) (mode B)
>or you'll be in trouble. It's in the application notes.

As should be done with *any* CMOS device. Don't forget folks,
those junctions will suck a ton of current at best, and oscilate at worst
if not tied one way or the other.

Steve
N30IE

From owner-qrp-1@netcom.com Tue Jan 24 18:22:40 1995
From: PB13128@deere.com
Message-Id: <DACDXX21.PB13128.602751100095024FDACDXX21@TCP30.DX.DEERE.COM>
Date: 24 Jan 1995 10:50:10 GMT
Subject: NOTE 01/24/95 10:50:31

>From: Peter Beedlow
Subject: DX Reflector

Sorry guys, maybe my wording is wrong and I should have said DX Mailing List.
Whatever it's called it works the same way qrp-1 does. Imput is refelected
to all of the users on the list. (Just as the F2 layer works, Jeff!).
And if I ever get the information I will post it here as I have had many
requests to do that.

Sorry if I caused any confusion.

Another subject. My once a year multi-op event comes up this weekend, the
CQ 160 test. Will be operating as K0RW and we will not be QRP! Neat contest
location with full sized slopers and or vertical or delta loop and beverages
for receive. Helps to have a grain elevator to hang antennas from. At any

rate I've got the 0200 > 0600 shift with another guy. He'll run about 30 wpm towards the bottom of the band and I'll run 20 or 22 wpm up higher in the band and we will both listen for QRP stations. Please remember you have to zero beat to get into our passband so we can hear you. Being a kc away is like not being there!

Thanks,

Pete

From owner-qrp-1@netcom.com Tue Jan 24 22:11:44 1995
Date: Tue, 24 Jan 1995 09:53:20 -0500 (EST)
From: Jim Stafford-W4Q0 <w4qo@america.net>
Subject: RE: Novice Roundup (fwd)
Message-Id: <Pine.SV4.3.91.950124093532.11819C-100000@atl1.america.net>

Hey folks, I agree with Larry. Ease up.

First, I notice that some folks seem to think the Novice Roundup is only for novices. Technicians Plus by the droves enter and yes they use CW! Altho not a lot of folks enter ham radio with a novice license, many Tech+ do work CW. As a person who is very active with school radio clubs, I have several students who will get on during the contest. I push this very hard to get them use to CW.

Second, many of our new Generals who passed their CW test, but aren't too confident, will enter the NR to sharpen their skills. I also encourage older hams to get on and help Nov/Tech+ hams. What a great feeling to actually HELP someone.

Yes, there were a lot of 10m SSB contacts during the better sunspot times by Tech+ hams as well.

So let's all get on the NR this year with our QRP rigs and help a new ham get his/her code speed up. Then blow their minds with your qsl showing your 5 watt power level.

72/73, Jim, W4Q0 -
RadioActive Schools(sm) - Bringing Ham Radio to North GA schools.

AEA Amateur Radio Ambassador of the Year - 1994
Herb S. Brier ARRL Instructor of the Year - 1992

----- Forwarded message -----

Date: Wed, 18 Jan 1995 15:53:51 -0700

>From: Larry East <LVE1@inel.gov>

To: qrp-l@netcom.com

Subject: RE: Novice Roundup

How come all this sudden interest in the demise of the novice roundup? How many of you have ever participated in one? Not many, I bet! So what's all the fuss? (Yes, I have participated several times, but not as a novice since I got my ticket before the novice licence existed. So I'm an old fart -- wanta make someth' of it?)

72.9999986734742 (according to my Pentium... but close enough for government work!)

"Any opinions expressed herein are my own and probably do
not agree with those of my employer, the U.S. Government
or my spouse"

--... ..--

Larry V. East (W1HUE)
Idaho National Engineering Laboratory
e-mail: LVE1@inel.gov
voice: (208) 533-4005 fax: (208) 533-4207

From owner-qrp-l@netcom.com Tue Jan 24 04:34:23 1995

From: PDouglas12@aol.com

Date: Tue, 24 Jan 1995 01:30:04 -0500

Message-Id: <950124013002_4582029@aol.com>

Subject: NW80/20 for 40 M

Well, I just did the final checkout on my new NW80/20 for 40 meters before putting it in the cabinet. First impressions are that the receiver has LOUD audio, more than sufficient for a speaker, and the manual is very very good--each subcircuit is built on the single board and tested as you go. It is almost modular, except it is on one board. There were a few errors in the instructions, including an instruction, which if followed would result in a dead short on the 13.6v line. I will type them all up and send them to Dan's Small Parts, but other builders might want to email me before they heat solder.

Anyway, I am always impressed when I (naturally sloppy) can put one together and it works off the bat, and this one certainly did. This is a clear winner in this price class, and the strong audio may make it a better radio overall than even the venerable Explorer. Once it's cabinnetted (new word?) will report on plusses and minuses. Preston WJ2V

From owner-qrp-l@netcom.com Tue Jan 24 05:01:46 1995
From: PDouglas12@aol.com
Date: Tue, 24 Jan 1995 01:30:03 -0500
Message-Id: <950124013000_4581969@aol.com>
Subject: NW80/20 for 40 M

Well, I just did the final checkout on my new NW80/20 for 40 meters before putting it in the cabinet. First impressions are that the receiver has LOUD audio, more than sufficient for a speaker, and the manual is very very good--each subcircuit is built on the single board and tested as you go. It is almost modular, except it is on one board. There were a few errors in the instructions, including an instruction, which if followed would result in a dead short on the 13.6v line. I will type them all up and send them to Dan's Small Parts, but other builders might want to email me before they heat solder.

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From owner-qrp-l@netcom.com Tue Jan 24 01:47:17 1995
Message-Id: <199501240323.WAA08936@jfwhome.funhouse.com>
Subject: Re: Photos
Date: Mon, 23 Jan 1995 22:23:33 -0500
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

> What do you want next to a rig to show relative
> size? Would a bencher paddle do?

How about having someone hold each rig on (or in) the palm of their hand? That'll serve as nice counterpoint to half-ton QRO monstrosities :-).

From owner-qrp-l@netcom.com Tue Jan 24 11:02:19 1995
Date: Tue, 24 Jan 1995 09:19:04 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: Re: Photos
Message-Id: <Pine.ULT.3.91.950124091607.26180A-100000@random.ucs.mun.ca>

Chuck - to make the photo more authentic (Texas style that is) you need to also put a small bottle of Tabasco Sauce on one side so folks will have a reference for the height and the ssb will know that it is a rig since they forget what a Bencher looks like. On second thought don't the folks in Tx and LA use those BIG GIANT bottles of Tabasco Sauce??

72 (for all Bloody Mary and Ceaser drinkers) Bob V01DRB/WA6ERB

From owner-qrp-1@netcom.com Tue Jan 24 16:49:03 1995
Date: Tue, 24 Jan 1995 08:04:20 -0800
From: myers@bigboy73.West.Sun.COM (Dana Myers)
Message-Id: <9501241604.AA05867@pcn1.West.Sun.COM>
Subject: Re: Photos

> Date: Tue, 24 Jan 1995 09:19:04 -0330 (NST)
> From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
> To: chuck adams <adams@chuck.dallas.sgi.com>
> Cc: qrp-1@netcom.com
> Subject: Re: Photos
> Mime-Version: 1.0
>
> Chuck - to make the photo more authentic (Texas style that is) you need
> to also put a small bottle of Tabasco Sauce on one side so folks will
> have a reference for the height and the ssb will know that it is a rig
> since they forget what a Bencher looks like. On second thought don't the
> folks in Tx and LA use those BIG GIANT bottles of Tabasco Sauce??

Well, my big bottle of Tabasco normally is near the tall, brown
Sauza bottle, so it looks kinda small.

Maybe a tall, finger shot glass would be a good reference?

(Gawd, I love Texas)

Dana
Dana.Myers@West.Sun.Com

From owner-qrp-1@netcom.com Tue Jan 24 22:30:38 1995
Date: Tue, 24 Jan 1995 15:07:35 -0500 (EST)
From: JEVERHART@cayman.vf.ge.com
Message-Id: <950124150735.224021f9@cayman.vf.ge.com>
Subject: RE: Photos

How about a photo with a cigar on top and a caption like:

Life's too short NOT to QRP!

72/73,

Joe E.

N2CX

From owner-qrp-1@netcom.com Tue Jan 24 04:03:28 1995

Message-Id: <199501240723.XAA17049@netcom.netcom.com>

Date: Mon, 23 Jan 95 14:05:20 EST

From: C=BAILEY%IS%211EIS@PAMDT.ANG.AF.MIL

Subject: QSCP CLUB INFO

Here is the information on the QRP Society of Central Pennsylvania.
I could send it direct to Richard Heiber or N8ET.
Please compare to list as I have made corrections.

ABBR: QRPSCP

FULL: QRP Society of Central Pennsylvania

PRES: John Jaminet, W3HMS (Tech) Bob Wicks, W3HAH (Admin)

ADDR: Cameron Bailey, KT3A

PO Box 173

Mount Wolf, PA 17347-0173

USA

SINC: 1993

COST: \$4.00 US for QRP Gazette per year

NEWS: QRP Gazette

NUMB: 13

MEET: Monthly, third Monday of the month. Contact KT3A for locations.

PROJ: SWR Meter

TEST: Regular field operations as a group.

AWRD: None yet.

COMM: Meetings 98% technical/operational - Admin 2%

Serving the needs of local QRP'ers in Central PA.

72 de Cameron, KT3A QRPSCP - Public Relations

From owner-qrp-1@netcom.com Tue Jan 24 07:01:27 1995

Date: Tue, 24 Jan 1995 01:45:55 -0800

Message-Id: <199501240945.BAA15713@ix3.ix.netcom.com>

From: mjsilva@ix.netcom.com (michael silva)

Subject: search

search -title tube AND manual

From owner-qrp-1@netcom.com Tue Jan 24 16:43:11 1995

Date: Tue, 24 Jan 1995 10:33:21 -0800

Message-Id: <199501241833.KAA05704@ix3.ix.netcom.com>

From: mjsilva@ix.netcom.com (michael silva)

Subject: RE: search

You wrote:

>
>As far as I know there is no auto search here; just a reflector comment board.
>What is it you are interested in?

>search -title tube AND manual
>
The perils of late-night computing....This was supposed to go to Powell's Technical Bookstore. At least it was a SHORT irrelevant message, right? Sorry.

Mike, KK6GM

From owner-qrp-l@netcom.com Tue Jan 24 19:51:59 1995
Date: Tue, 24 Jan 1995 13:04:27 +0700
Message-Id: <9501242004.AA15213@ringworld.upl.com>
From: kub@upl.com (Steve Kubisch)
Subject: Sierra Band Modules?

Hi,

Does anyone know when Jim Cates will get the additional Sierra band modules kitted and in the mail.

When I ordered them about the middle of December, he had just ordered the parts, had the boards, and hoped to get them out after the first of the year.

Would like to get them built before the spring ARCI test. Just love to wind those torroids!

Tnx es 73,
Steve -WW7Y-

From owner-qrp-l@netcom.com Tue Jan 24 23:40:30 1995
Date: Tue, 24 Jan 95 13:14:59 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9501241914.AA11565@chuck.dallas.sgi.com>
Subject: Sierra w/Review Form

Gang,

Here is a sample of the review form suggested before. It's not in concrete. Add/Delete for

each new review. Keep less than 50 lines/80 chars
per line for one page printing. (Please.)
Post/email to adams@sgi.com and we'll archive to
ftp site(s).

Please don't repost this to net again. Flame wars
will begin. :-)

Hopefully enough technical data will be collected to
aid future buyers/designers/hackers/etc.....

-----cut here-----

Internet QRP-L Rig Report Form
(Format modeled from CQC Lowdown Newsletter)

MFR: Northern California QRP Club
Designer: Wayne Burdick N6KR
Model: NorCal Sierra QRP Transceiver
Size: Cabinet: 2.6"(H)x6.3"(W)x5.3"(D)
Overall: 2.8"(H)x6.6"(W)x7.0"(D)
Band Module: 1.25"(H)x4.0"(W)x0.5"(D)
Weight: Approximately 2 lbs
PC: Single board Double-sided Plated-through
silk-screened Solder masked
Manual: Comb Bound ~50 pages
Power : 10-15VDC: reverse polarity protection
RX Drain: 35mA; 35-70mA w/speaker
TX Drain: 275-400mA at 2W output (varies w/band)
Modes: CW Only
Kit?: Yes
Bands: 1.800-1.950MHz, 3.500-3.650MHz, 7.000-7.150MHz
10.000-10.150MHz, 14.000-14.150MHz, 18.000-18.150MHz,
21.000-21.150MHz, 24.800-24.950MHz, 28.000-28.150MHz
Switched by band module plugin.
LO/VFO: 2.935-3.085MHz (150KHz), w/8:1 vernier
Drift: <100 Hz in first 30 minutes from cold start
Dial: 5KHz markings. Good linearity (K5FO measured).
RX: SuperHet
XMT: 500-1000Hz offset, adjustable
Filter: 4 Pole XTAL at 4.915MHz, plus single-XTAL after IF amp
Selectvty: -6dB@400, -32dB or better@1KHz
RIT: Yes. +/- 2KHz Center detent.
Gain: RF and AF gain controls
AGC: Yes
Preamp: No
Atten: No

SPKR: No
Meter: Circuit on PC board
S Tone: Sampled RF
VFO: Yes.
Output: 0-2W adjustable internally
Keyer: No
QSK: Yes, SOLID STATE
Price: \$160 + \$25 per band module
Avail. : Not at present time (Jan 1995). 110 units in
first run, sold out. No definite plans known
at present time to do another run.
Was produced and shipped Nov 1994 timeframe
Date: January 24, 1995
Author: NorCal Sierra Manual
K5F0 typed in: Drift measured and checked by K5F0

Chuck Adams K5F0 CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Tue Jan 24 19:32:22 1995
Date: Tue, 24 Jan 1995 15:20:49 -0800 (PST)
From: John Dundas <ab6dg@netcom.com>
Subject: Re: SOCAL MEETING
Message-Id: <Pine.3.89.9501241556.A18731-0100000@netcom12>

Although I was not planning on going to TRW this Saturday, I will if at least 2 or 3 members of this list indicate they will show up. I don't know the local restaurants, so unless someone else does, would suggest meeting by the donut wagon at about 10 a.m., and then decide where to go. For ID, we could either wear red carnations, or perhaps better yet carry an issue of some qrp magazine. Or maybe we will all look so strange (compared even to the average ham) that we will instinctively recognize each other!

Who else will be there?

72/3 de John AB6DG?

On Mon, 23 Jan 1995, Dennis Webster wrote:

> I've read several posts regarding a Southern California QRP meeting after
> the TRW swapmeet. Being the swapmeet is next Saturday, I was wondering
> if a meeting place has been planned, or just wishfull thinking. If a
> meeting is going to happen I'd appreciate any information you have.
> 72,
> Dennis
> --

I have the spec sheet for the Scout 555 in front of me:

Power Required: @ 12-14 VDC; 600ma receive, 10A transmit
@ 50 watts out, 4.5A @ 5 watts out. I feel better.

If I misread the earlier post, please correct me.

The one thing not clear on the spec sheet is how the
power out is selected. Can anyone shed light on this?

7.3 de Michael aa0ub All computers, software and harddisks, crash.
miker@cc.com

From owner-qrp-l@netcom.com Tue Jan 24 15:49:18 1995
From: RobCap@aol.com
Date: Tue, 24 Jan 1995 09:47:12 -0500
Message-Id: <950124094710_4895937@aol.com>
Subject: The New Sierra

Does anyone on the QRP list recall some of the modifications that Wayne
Burdick mentioned as possibilities for the new Sierra?

Also, were there any problems/enhancements in the Sierra with posted fixes?

The reason I ask, is that I may have a chance to purchase a yet-to-be built
kit. It pretty much seems like a great CW QRP kit, but I was wondering if I
should wait until the new version comes out mid-95 (or whenever).

Thanks & 73,

Rob, WA3ULH

From owner-qrp-l@netcom.com Tue Jan 24 02:14:53 1995
From: PITTSTER1@aol.com
Date: Mon, 23 Jan 1995 21:30:51 -0500
Message-Id: <950123212406_4256256@aol.com>
Subject: unsubscrib

unsubscrib PITTSTER1

From owner-qrp-l@netcom.com Tue Jan 24 21:00:19 1995
Date: Tue, 24 Jan 1995 11:06:03 -0800 (PST)
From: "John D. Spittle" <jds@freenet.vancouver.bc.ca>
Subject: Re: Using Counters as Rig Displays
Message-Id: <Pine.3.89.9501241142.A681-0100000@freenet.vancouver.bc.ca>

Stuart:

Look for my article in the next issue of QRPP. The counter described is not the answer to a maiden's prayer but it might at least give you a few ideas.

72 Derry VE7Q

PS: I believe George will also be including it in SPRAT.

From owner-qrp-1@netcom.com Tue Jan 24 02:17:10 1995
Date: Mon, 23 Jan 95 18:25:36 HST
From: jeffrey@math.hawaii.edu (Jeffrey Herman)
Message-Id: <9501240425.AA27019@kahuna.math.hawaii.edu>
Subject: Vibroplex straight key

I asked Mitch WA4OSR (new owner of Vibroplex) if he had any plans for a Vibroplex straight key. His answer: YES.

I told him I'd buy one sight unseen for surely it'll be one of the best keys on the market.

I'll pass on any further info as I get it.

Jeff NH6IL (ex: ONLY1SK)

From owner-qrp-1@netcom.com Tue Jan 24 22:37:43 1995
From: PeterWK8S@aol.com
Date: Tue, 24 Jan 1995 20:08:11 -0500
Message-Id: <950124194228_5479763@aol.com>
Subject: Winding toroids

Anyone ever work out a rough formula for computing how much wire is needed for a given number of turns on a standard toroid? It be much simpler if I could figure out how much wire to hack off the spool before I start winding. Pushing/pulling too long a length makes more work than necessary. Any ideas out there?

PeterWK8S

From owner-qrp-1@netcom.com Wed Jan 25 02:24:12 1995
Date: Tue, 24 Jan 1995 19:55:18 -0800
Message-Id: <199501250355.TAA19021@ix2.ix.netcom.com>
From: mjsilva@ix.netcom.com (michael silva)
Subject: Re: Winding toroids

You wrote:

>
> Anyone ever work out a rough formula for computing how much wire is needed
> for a given number of turns on a standard toroid? It be much simpler if I
> could figure out how much wire to hack off the spool before I start winding.
> Pushing/pulling too long a length makes more work than necessary. Any
ideas
> out there?
>
Why not just wrap 5 or 10 turns on the core, remove it and measure the
length to get a value of inches per turn. This will take into account your
own winding tension, the specifics of the core, etc. better than any formula.

Mike, KK6GM

From owner-qrp-1@netcom.com Wed Jan 25 02:46:12 1995
Date: Tue, 24 Jan 1995 21:10:15 -0700 (MST)
From: Richard Kendrick <rrk@ramp.com>
Subject: Re: Winding toroids
Message-Id: <Pine.3.89.9501242007.A984-0100000@taz.ramp.com>

On Tue, 24 Jan 1995 PeterWK8S@aol.com wrote:
> Anyone ever work out a rough formula for computing how much wire is needed
> for a given number of turns on a standard toroid? It be much simpler if I
> could figure out how much wire to hack off the spool before I start winding.
> Pushing/pulling too long a length makes more work than necessary. Any ideas
> out there?

I usually wrap one turn around the target core, measure the length,
multiply that length by the number of turns, and then add six to eight
inches. This gives a little leeway during the winding (one turn follows
the core shape and the next a little rounded) and leaves enough left over
for leads.

I begin with about three inches hanging out and then start winding.
Sometimes after I finish with the required number of turns, the first turn
or two is mangled from handling. The extra wire on the end is for
replacement of the mangled turn(s) that is unwound from the beginning.
Most of the time, I have about six inches of waste after winding the
coil. Aye, laddie I be a might frugal with my wire and don't want to
waste one millimeter of copper :-).

Richard Kendrick CET WA7TWI	
Amateur Radio Extra Class	Do not adjust your mind, there is

